



ANNUAL REPORT

TO THE

BEDLINGTONSHIRE URBAN
DISTRICT COUNCIL

FOR THE YEAR 1952

BY THE

Medical Officer of Health

AND

Chief Sanitary Inspector



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ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1952

Mr. Chairman and Councillors,

I beg to present to you the annual report of the Medical Officer of Health concerning the health and sanitary conditions of the Urban District for 1952.

The Registrar General's estimated mid-year home population was 28,630—an increase of 90 over that of 1951.

The Crude Death Rate fell from 12.9 per 1,000 population to 11.1.

The uncorrected Birth rate fell from 19.7 per 1,000 population to 19.17. The figure for England and Wales was 15.3 per 1,000 population. Bedlington, therefore, is maintaining a high birth rate.

The Infantile Mortality rate rose from 35.5 per 1,000 live births to 38.25. There were 21 infant deaths compared with the 20 in 1951.

The deaths of persons over 65 fell from 224 in 1951 to 157.

The number of infectious disease notifications rose from 385 in 1951 to 570. The increase was almost wholly due to an epidemic of measles. Whooping cough notifications were only 15 which is an extremely low figure.

It is becoming more and more apparent that a complete survey of the sewage system of the shire is necessary and that in the Guide Post area especially the matter may well become one of urgency.

I would like to thank the Chairman and members of the Health Committee for their support during the year and to the officials of the other departments who have been co-operative in every way. I must also thank the staff of the Health Department for their work during the year.

I am, Your obedient Servant,

A. DONALDSON, M.B., Ch.B., D.P.H.,

Medical Officer of Health for the Urban District of Bedlingtonshire.

Public Health Officers of the Local Authority

Medical Officer of Health	-	Alexander Donaldson, M.B., Ch.B., D.P.H.
Chief Sanitary Inspector	- - - -	
and		R. W. Cowans, M.S.I.A.
Meat and Foods Inspector	- - - -	
Sanitary Inspector (Additional)	- - -	O. B. Dodds, Cert. S.I.B.
Health Department Clerk	- - - - - - -	J. H. Hostler
Health Department Typist	- - - - - - -	Miss U. Brown
Offices	- - - - - - -	Front Street, Bedlington
Telephone No.	- - - - - - -	Bedlington 2121

STATISTICS AND CONDITIONS OF THE AREA

Area in Acres		9,025.784
Registrar General's Estimate of the Resident Population mid 1952		28,630
Rateable Value		£117,429
Penny Rate Produces		£435
Number of Inhabited Houses		8,647

VITAL STATISTICS

Births

Live Births

			Male	Female	Total
Legitimate	...	...	267	266	533
Illegitimate	...	...	7	9	16
Totals	...	...	274	275	549

Still Births

			Male	Female	Total
Legitimate	...	...	11	5	16
Illegitimate	...	...	—	—	—
Totals	...	...	11	5	16

Comparability Factors Births 1.04 Deaths 1.14.

Uncorrected Birth Rate per 1,000 estimated population	...	19.17
Standardised Birth Rate per 1,000 estimated population	...	19.93
Still Birth Rate per 1,000 Live and Still Births	...	28.31
Still Birth Rate per 1,000 estimated population	...	0.55

Deaths

Male	Female	Total
182	136	318

Crude Death Rate per 1,000 population	...	...	...	11.1
Standardised Death Rate per 1,000 estimated population	...	...	...	12.65

Deaths over 65 years of age

				Male	Female	Total
1952	...	...	...	77	80	157
1951	...	...	...	124	100	224
1950	...	...	...	108	105	213

Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar General's short list).

NIL.

Infant Mortality

Deaths of Infants under 1 year of age					21
			Male	Female	Total
Legitimate	...	...	12	8	20
Illegitimate	...	...	1	—	1
Totals	...	...	13	8	21

Death Rate of Infants under 1 year of age

All infants per 1,000 live births	...	...	...	38.25
Legitimate infants per 1,000 live legitimate births	...			37.5
Illegitimate infants per 1,000 live illegitimate births				62.5

COMPARISON OF 1952 VITAL STATISTICS WITH THOSE OF 1951

				1952	1951
Live Births	...	...	...	Totals: 549	562
Still Births	...	...	...	Totals: 16	16
Uncorrected Birth Rate per 1,000 estimated					
population	...	...	...	19.17	19.7
Standardised Birth Rate per 1,000 estimated					
population	...	...	...	19.93	20.4
Still Birth Rate per 1,000 live and still births				28.31	27.8
Still Birth Rate per 1,000 estimated population					
tion	...	...	...	0.55	0.56
Crude Death Rate per 1,000 estimated population					
tion	...	...	...	11.1	12.9
Standardised death rate per 1,000 estimated					
population	...	...	...	12.65	14.7
Deaths over 65 years of age	...	...	...	157	224
Deaths of infants under 1 year of age per					
1,000 live births	...	...	...	38.25	35.5
Number of infant deaths under 1 year					
of age	...	...	...	21	20
Neo natal mortality rate (infants under 4					
weeks) per 1,000 births	...	...	...	21.8	23.1
Tuberculosis death rate per 1,000 estimated					
population	...	...	...	0.24	0.21
Pulmonary Tuberculosis case rate per 1,000					
estimated population	...	...	...	4.82	5.04

INFANT MORTALITY, 1952

The deaths of infants under 1 year numbered 21 and of these 12 died within one month.

The infantile mortality rate was 38.25 per 1,000 live births and the neo-natal mortality 21.8 per 1,000 live births.

11 deaths occurred at home and 10 in hospital.

	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
Diarrhoea and Enteritis under 2 years	1	4	4	1	1	1	1	—	—	—
No. of Deaths of Infants under 1 year	30	30	26	31	21	17	20	29	20	21
Infantile Mortality Rate per 1,000 live births ...	58.94	52.08	54.05	58.2	34.09	33.46	38.83	58.81	35.5	38.25

Case No.	Age	Place of Death	Cause of Death	Preventive or not	Remarks
1.	3 months	Home	Convulsions	Not	
2.	3 months	Home	Convulsions	Not	
3.	16 hours	Home	Cerebral Haemorrhage	Not	
4.	1 month	Home	Broncho Pneumonia	Yes	
5.	4 months	Home	Broncho Pneumonia	Yes	
6.	4 months	Home	Lobar Pneumonia	Yes	
7.	½ hour	Home	Cerebral Haemorrhage	Not	
8.	2 days	Home	Convulsions	Not	Twin A1
9.	1 week	Home	Convulsions	Not	Twin A2
10.	8 months	Home	Acute Nephritis	Not	
11.	9 months	Home	Acute Leukaemia	Not	
12.	1 week	Hospital	Pneumonia	Yes	
13.	1 week	Hospital	Pulmonary Atelectasis	Not	
14.	5 months	Hospital	Fibrocystic Dis. of Pancreas	Not	
15.	2 months	Hospital	Bronchitis	Yes	
16.	2 days	Hospital	Cerebral Haemorrhage	Not	
17.	17 hours	Hospital	Cerebral Haemorrhage	Not	
18.	3 days	Hospital	Haemorrhagic Disease	Not	
19.	2 days	Hospital	Pulmonary Atelectosis	Not	
20.	22 hours	Hospital	Prematurity	Not	
21.	1 day	Hospital	Prematurity	Not	

INFANT MORTALITY

Causes of Death						Under 1, week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 1 month	1-3 months	4-6 months	7-9 months	10-12 months	Total under 1 yr.
Convulsions	...	...	...	...	...	1	1	—	—	2	2	—	—	—	4
Cerebral Haemorrhage	...	...	...	...	...	4	—	—	—	4	—	—	—	—	4
Broncho Pneumonia	...	...	...	...	...	—	—	—	—	—	1	1	—	—	2
Lobar Pneumonia	...	...	...	...	...	—	1	—	—	1	—	1	—	—	2
Pulmonary Atelectasis	...	...	...	...	...	1	1	—	—	2	—	—	—	—	2
Fibrocystic Disease of Pancreas	...	...	...	...	...	—	—	—	—	—	—	1	—	—	1
Bronchiolitis	...	...	...	...	...	—	—	—	—	—	1	—	—	—	1
Haemorrhagic Disease, Newborn	...	...	...	...	...	1	—	—	—	1	—	—	—	—	1
Prematurity	...	...	...	...	...	2	—	—	—	2	—	—	—	—	2
Acute Leukaemia	...	...	...	...	...	—	—	—	—	—	—	—	1	—	1
Acute Nephritis	...	...	...	...	...	—	—	—	—	—	—	—	1	—	1
Totals						9	3	—	—	12	4	3	2	—	21

CAUSES OF DEATH, 1952

Code No.	International Classification	M.	F.
001	Pulmonary Tuberculosis with Pneumoconiosis	1	—
002	Pulmonary Tuberculosis	5	1
080.3	Poliomyelitis	—	1
151	Malignant Neoplasm of Stomach	4	4
152	Malignant Neoplasm of Duodenum	1	—
153	Malignant Neoplasm of Large Intestine	4	2
154	Malignant Neoplasm of Rectum	6	1
155	Malignant Neoplasm of Liver	1	—
157	Malignant Neoplasm of Pancreas	1	—
162	Malignant Neoplasm of Bronchus	8	1
170	Malignant Neoplasm of Breast	—	3
171	Malignant Neoplasm of Cervix Uteri	—	2
172	Malignant Neoplasm of Corpus Uteri	—	1
175	Malignant Neoplasm of Ovary	—	1
200	Reticulum Cell Sarcoma	1	—
204.1	Myeloid Leukaemia	—	1
204.3	Acute Leukaemia	1	—
241	Status Asthmaticus	1	—
260	Diabetes Mellitus	—	1
290	Pernicious Anaemia	1	—
296	Thrombocytopenia	—	1
330	Subarachnoid Haemorrhage	—	1
331	Cerebral Haemorrhage	18	16
332	Cerebral Embolism and Thrombosis	4	6
334	Hypertensive Encephalopathy	—	1
342	Intracranial Abscess	2	—
344	Hydrocephalus	1	—
345	Disseminated Sclerosis	1	—
350	Paralysis Agitans	1	—
353.1	Epilepsy	—	1
410	Disease of the Mitral Valve	—	1
420.1	Arteriosclerosis and Coronary disease	30	15
422	Cardiovascular Degeneration	16	16
422.1	Other myocardial degeneration with arteriosclerosis	—	5
422.2	Other myocardial degeneration with senility	17	16
433	Heart Block	2	1
433.1	Auricular fibrillation	2	2
434.1	Congestive Heart Failure	7	1
434.2	Left Ventricular Failure	1	3
434.3	Cor Pulmone	1	—
451	Dissecting Aneurysm of the aorta	1	—
465	Pulmonary Embolism	1	—
490	Lobar Pneumonia	3	2

Code No.	International Classification							M.	F.
491	Broncho Pneumonia	...	...	...	...	...	...	2	4
493	Acute Congestion of the Lungs	...	...	...	...	...	...	—	1
500	Acute Bronchitis	...	...	...	...	...	...	1	1
502	Chronic Bronchitis	...	...	...	...	...	...	1	—
522	Hypostatic Pneumonia	...	...	...	...	...	...	2	2
560	Abdominal Hernia	...	...	...	...	...	...	1	—
561.2	Intestinal Obstruction	...	...	...	...	...	...	—	1
572.1	Haemorrhage from Jujunal diverticula	...	...	...	...	...	...	1	—
580	Yellow atrophy of the Liver	...	..	...	...	...	...	—	2
581	Cirrhosis of the Liver	...	...	...	...	...	...	—	1
587.2	Fibrocystic disease of the Pancreas	...	...	...	...	...	...	1	—
591	Subacute Nephritis	...	...	...	...	...	...	—	1
592	Chronic Nephritis	...	...	...	...	...	...	2	2
593	Nephritis unspecified	...	...	...	...	...	...	1	1
602	Acute Pyelonephritis	...	...	...	...	...	...	1	—
610	Hyperplasia of Prostate	...	...	...	...	...	...	1	—
692.1	Pelvic Cellulitis	...	...	...	...	...	...	1	—
760	Intracranial or spinal injury at birth	...	...	...	...	...	...	3	—
760.5	Intracranial or spinal injury at birth with immaturity	...	...	...	...	...	...	1	—
762	Pulmonary atelectasis	...	...	...	...	...	...	1	1
763	Pneumonia in Newborn	...	...	...	...	...	...	1	—
771	Haemorrhagic disease of the newborn	...	...	...	...	...	...	—	1
774	Prematurity	...	...	...	...	...	...	2	1
776	Prematurity unqualified	...	...	...	...	...	...	—	2
780.2	Convulsions	...	...	...	...	...	...	1	1
794	Senility	...	...	...	...	...	...	2	2
795	Toxaemia	...	...	...	...	...	...	—	1
E812	Motor accident to pedestrian	...	...	...	...	...	...	2	—
E814	Motorcycle accident	...	...	...	...	...	...	1	—
E815	Motor-cyclist in accident with car	..	...	...	...	...	...	1	—
E822	Fall from motor vehicle	...	...	...	...	...	...	1	—
E824	Motor accident	...	...	...	...	...	...	1	—
E900	Fall on stairs	...	...	..	...	...	...	—	1
E903	Shock following a fall	...	...	...	...	...	...	1	—
E910.4	Hit with cricket ball	...	...	...	...	...	...	1	—
E972	Suicide—coal gas poisoning	...	...	...	...	...	...	1	—
E979	Suicide—throwing himself under a train	...	...	...	...	...	...	1	—
E982	Assault by cutting instrument	...	...	...	...	...	...	1	—
N805	Fractured spine	...	...	...	...	...	...	1	—
Totals								182	136
Grand Total								318	

CANCER MORTALITY, 1952

Males					Age Groups									Total
					0-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 plus	
Malignant Neoplasm	of Stomach	...	...	...	—	—	—	—	—	1	—	1	2	4
"	of Duodenum	...	...	...	—	—	—	—	—	—	—	—	1	1
"	of Large Intestine	...	...	...	—	—	—	—	1	—	—	1	2	4
"	of Rectum	...	...	...	—	—	—	—	—	—	1	1	4	6
"	of Pancreas	...	...	...	—	—	—	—	—	1	—	—	—	1
"	of Liver	...	...	...	—	—	—	—	—	—	—	—	1	1
"	of Bronchus	...	...	...	—	—	—	—	—	1	2	4	1	8
"	of Neck Glands	...	...	...	—	—	—	—	—	—	—	—	1	1
Total	...	...	...	...	—	—	—	—	1	3	3	7	12	26

Females					Age Groups									Total
					0-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 plus	
Malignant Neoplasm	of Stomach	...	...	...	—	—	—	—	1	—	—	1	2	4
"	of Large Intestine	...	...	...	—	—	—	—	—	—	—	—	2	2
"	of Rectum	...	...	...	—	—	—	—	—	—	1	—	—	1
"	of Bronchus	...	...	...	—	—	—	—	—	1	—	—	—	1
"	of Breast	...	...	...	—	—	1	—	—	2	—	—	—	3
"	of Cervix Uteri	...	...	...	—	—	1	—	—	—	—	1	—	2
"	of Corpus Uteri	...	...	...	—	—	—	—	—	—	1	—	—	1
"	of Ovary	...	...	...	—	—	—	1	—	—	—	—	—	1
Total	...	...	...	...	—	—	2	1	1	3	2	2	4	15

CANCER MORTALITY, MALE AND FEMALE SINCE 1933

Year			1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
	Male	Female	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Male	...	...	—	19	12	17	16	17	18	12	12	16	24	19	25	21	22	23	26	34	26	
Female	...	...	—	20	12	11	31	14	16	14	22	17	24	26	17	20	21	19	21	20	18	15
Total	...	...	40	39	24	28	47	31	34	26	34	29	40	50	36	45	42	41	44	46	52	41

WELFARE OF THE AGED

In September 1952, the local W.V.S., with the help of the Rotary Club, succeeded in organising a Meals on Wheels service for old people. This was instituted at Bedlington Station for 25 old persons. Bedlington Council donated funds to help this scheme (under Section 31 of the National Assistance Act, 1948).

The service has been of infinite value and the voluntary organisations concerned must be congratulated on their efforts. The greatest difficulty is that of transport, which at present is supplied free by members of the Rotary Club. It would be a great asset if some organisation (other than the W.V.S. who are unable to own property) owned a van for this purpose. If a fund was started with the idea of presenting a van to one of the old people's clubs, to be used entirely for their welfare, the work of providing these meals would be made much easier and it would allow the scheme to be extended to other parts of the shire.

Old people are often confined to their homes because they have "bad feet." Few can afford to pay regular visits to a chiropodist for treatment. The family doctor has no time to spare for treating corns and bunions—in fact this is a need which is outside the National Health Service.

It would be of great benefit to be able to hold a foot clinic for old age pensioners with a trained chiropodist in charge. There would be little difficulty in obtaining a room at one of the County Clinics but there is considerable difficulty in finding funds to pay for the professional services required.

This is another cause for some voluntary organisation to consider and one which would do much for the old age pensioner unable to move very far beyond the threshold of his home.

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

Scarlet Fever

There were 84 cases of scarlet fever, one more than last year. The disease was mild and there were no deaths.

Whooping Cough

There were 15 cases of whooping cough notified in 1952 compared with the 79 in 1951 and 133 in 1950. It will be interesting to see if this disease assumes epidemic proportions in 1953. There were no deaths from this disease.

Measles

There were 406 cases of measles notified in 1952. There were no deaths.

Anterior Poliomyelitis

There were four cases of this disease notified during 1952. All were paralytic in type. One adult died in hospital. She was notified in July and died in December.

Food Poisoning

There were thirteen cases of food poisoning notified during 1952. One outbreak was due to infected pies involving 9 cases. The other outbreak was presumed due to infected peas pudding involving 4 persons. There were no deaths.

:

Dysentery

There were six cases of dysentery (Sh. Sonne) notified during 1953. The cases were mild and there were no deaths.

Diphtheria

For the second year in succession there were no notified cases of diphtheria. There were no cases of the enteric group of fevers notified.

**TABLE SHOWING ANALYSIS OF NOTIFIED CASES OF INFECTIOUS
DISEASES UNDER AGE GROUPS**

	Under 1 year	1 year	2 years	3 years	4 years	5 years	6-10 years	11-15 years	16-20 years	21-35 years	36-45 years	46-65 years	Over 65 years	Not Known	Total
Measles ...	27	57	73	53	64	84	44	3	—	—	—	—	—	1	406
Whooping Cough ...	3	2	3	3	2	1	1	—	—	—	—	—	—	—	15
Scarlet Fever ...	—	2	5	3	9	17	41	6	—	1	—	—	—	—	84
Pneumonia ...	—	—	—	—	—	—	—	1	—	2	2	—	—	—	5
Food Poisoning ...	—	1	1	—	—	—	2	—	2	5	1	1	—	—	13
Dysentery ...	—	—	—	—	—	2	1	—	1	1	—	1	—	—	6
Meningococcal Infection ...	1	—	1	—	—	—	—	1	1	—	—	—	—	—	4
Erysipelas ...	—	—	—	—	—	—	—	1	1	—	—	—	—	—	2
Pulmonary Tuberculosis ...	—	—	1	1	—	2	1	—	2	7	5	1	4	—	24
Non-Pulmonary Tuberculosis ...	—	—	—	—	—	—	—	1	—	3	2	—	1	—	7
Poliomyelitis (Paralytic) ...	—	—	2	—	1	—	—	—	—	—	1	—	—	—	4
Totals ...	31	62	86	60	76	106	90	13	7	19	11	3	5	1	570

Diphtheria notifications and deaths in Bedlingtonshire during the 10 year period 1943-1952:—

Year	...	...	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
Cases	...	...	14	85	64	55	19	5	2	1	—	—
Deaths	...	...	—	3*	7	1*	3*	—	—	—	—	—

* Unprotected.

Measles, Whooping Cough and Scarlet Fever Notifications, 1943-52:—

Year	...	...	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
Measles	...	...	226	144	293	194	124	245	228	540	156	406
Whooping Cough	...	...	45	44	30	45	36	186	12	133	79	15
Scarlet Fever	...	...	61	61	21	7	10	60	31	54	83	84

TUBERCULOSIS

Age	New Cases				Deaths			
	Resp.		Non-Resp.		Resp.		Non-Resp.	
	M.	F.	M.	F.	M.	F.	M.	F.
0- 1	—	—	—	—	—	—	—	—
1- 5	2	—	—	—	—	—	—	—
5-15	1	2	—	1	—	—	—	—
15-25	—	3	2	1	—	—	—	—
25-35	3	3	—	—	1	—	—	—
35-45	3	1	—	2	3	—	—	—
45-55	1	—	—	—	—	—	—	—
55-65	1	—	—	—	1	—	—	—
Over 65	2	2	1	—	1	1	—	—
Totals	13	11	3	4	6	1	—	—
	24		7		7			

There were 31 notifications of tuberculosis (24 pulmonary, 7 non-pulmonary) during 1952. There were 7 deaths.

The Tuberculosis register showed the following distribution of cases at the end of 1952:—

Pulmonary			Non-Pulmonary			Total
Male	Female	Total	Male	Female	Total	Pulmonary and Non-Pulmonary
82	56	138	23	18	41	179

Deaths and Notifications, Pulmonary and Non-Pulmonary tuberculosis for Bedlington, 1943-1952:—

Notifications

Year	...	...	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
P. Cases	...	...	27	29	22	18	16	19	18	27	32	24
Non-P. Cases	...	...	13	8	14	2	8	10	7	11	7	7

Deaths

P. Cases	...	...	12	5	11	11	10	4	13	5	5	7
Non-P. Cases	...	...	2	2	2	1	2	2	2	—	1	—

ANNUAL REPORTS OF MEDICAL OFFICERS OF HEALTH, 1952

VITAL STATISTICS

Birth-rates, Death-rates, Analysis of Mortality, Maternal Mortality and Case-rates for Certain Infectious Diseases in the Year 1952. Provisional figures based on Quarterly Returns.

160 160
England County Smaller London
and Boroughs Towns Adminis-
Wales and (Resident trative
Great Popula- County
Towns tion
(including 25,000-
London) 50,000
at 1951
Census).

Rates per 1,000 Home Population

Births

Live Births	...	...	...	...	15.3	16.9	15.5	17.6
Still Births	...	...	...	...	0.35	0.43	0.36	0.34
					22.6(a)	24.6(a)	23.0(a)	19.2(a)

Deaths

All Causes	...	...	...	...	11.3	12.1	11.2	12.6
Typhoid and Paratyphoid	...	...	...	...	0.00	0.00	0.00	—
Whooping Cough	...	...	...	...	0.00	0.00	0.00	0.00
Diphtheria	...	...	...	...	0.00	0.00	0.00	0.00
Tuberculosis	...	...	...	...	0.24	0.28	0.22	0.31
Influenza	...	...	...	...	0.04	0.04	0.04	0.05
Smallpox	...	...	...	...	0.00	—	—	—
Acute Poliomyelitis (including polioence- phalitis)	...	...	...	...	0.01	0.01	0.00	0.01
Pneumonia	...	...	...	...	0.47	0.52	0.43	0.58

Notifications (Corrected)

Typhoid Fever	...	...	...	...	0.00	0.00	0.00	0.00
Paratyphoid Fever	...	...	...	...	0.02	0.02	0.03	0.01
Meningococcal Infection	...	...	...	...	0.03	0.03	0.03	0.02
Scarlet Fever	...	...	...	...	1.53	1.75	1.58	1.56
Whooping Cough	...	...	...	...	2.61	2.74	2.57	1.66
Diphtheria	...	...	...	...	0.01	0.01	0.03	0.01
Erysipelas	...	...	...	...	0.14	0.15	0.12	0.14
Smallpox	...	...	...	...	0.00	0.00	0.00	—
Measles	...	...	...	...	8.86	10.11	8.49	9.23
Pneumonia	...	...	...	...	0.72	0.80	0.62	0.57
Acute Poliomyelitis (including polioencephalitis)—								
Paralytic	...	...	...	...	0.06	0.06	0.06	0.06
Non-Paralytic	...	...	...	...	0.03	0.03	0.02	0.03
Food Poisoning	...	...	...	...	0.13	0.16	0.11	0.18
Puerperal Pyrexia	...	...	...	...	17.87(a)	23.94(a)	10.22(a)	30.77(a)

Rates per 1,000 Live Births

Deaths

All causes under 1 year of age	...	...	...	...	27.6(b)	31.2	25.8	23.8
Enteritis and diarrhoea under 2 years of age	...	...	...	...	1.1	1.3	0.5	0.7
(a) Per 1,000 Total (Live and Still) Births.								
(b) Per 1,000 Related Live Births.								

MATERNAL MORTALITY IN ENGLAND AND WALES

Intermediate List No. and Cause					Number of Deaths	Rate per 1,000 Total (Live and Still Births)	Rate per Million Women aged 15-44
A115	Sepsis of pregnancy, childbirth and the puerperium	...	...	...	61	0.09	—
A116	Abortion with toxæmia	...	...	...	13	0.02	1
	Other toxæmias of pregnancy and the puerperium	...	...	...	147	0.21	—
A117	Haemorrhage of pregnancy and childbirth				59	0.09	—
A118	Abortion without mention of sepsis or toxæmia	...	...	...	31	0.04	3
A119	Abortion with sepsis	...	...	...	47	0.07	5
A120	Other complications of pregnancy, childbirth and the puerperium	...	...	...	138	0.20	—

WATER SUPPLY

With the exception of one house the district is still served by the Tyne-mouth Water Undertaking. The supply continues to be adequate and of good quality.

During the year a further 16 houses have been provided with an internal water supply. Since the coming into force of the Water Act, 1945, a total of 636 houses, previously served by common standpipes in back yards or streets, have had a water supply and kitchen sink installed inside the house.

This still leaves, however, 848 houses with an estimated population of 2,740 using standpipes. 526 of these houses are owned by the National Coal Board, the greater portion of them being sub-standard houses.

SWIMMING BATHS

During the five months the Humford Mill open-air swimming baths were open, 21,232 adults and children, plus a considerable number of season ticket holders and organised classes from the local schools, attended. These figures show that the pool is losing none of its popularity.

The water is chlorinated, is tested frequently, and sampled periodically for bacteriological examination.

WATER SAMPLES TAKEN

							Bac. Coli per 100 c.c.s.
1	Sample from main supply—Choppington	...	...	...	...	...	Nil
4	Samples from inlet to Swimming Pool	...	...	...	...	...	Nil
1	Sample from inlet to Swimming Pool	...	...	...	...	...	1
3	Samples from outlet from Swimming Pool	...	...	...	...	...	Nil
1	Sample from outlet from Swimming Pool	...	...	...	...	...	1
1	Sample from outlet from Swimming Pool	...	...	...	...	...	160
1	Sample from Spring at Grove Villa	...	...	...	...	...	Nil
2	Samples from Doctor Pit Baths	...	...	...	...	...	Nil

DRAINAGE AND SEWERAGE

The sewers of the district continue to discharge into the sea and the tidal waters of the rivers Blyth and Wansbeck and the Sleaf Burn. There are no sewage disposal works except one small plant at Hartford Camp which is in very good order.

ERADICATION OF BED BUGS

Number of Council houses disinfested	...	7
Number of other houses disinfested	...	6

The treatment for bed bugs is a thorough spraying with D.D.T. liquid insecticide and D.D.T. smoke generators, repeated if necessary.

RATS AND MICE DISINFESTATION

All sewers of the district have been treated twice during the year by the Council's rodent operator with good results. Regular attention has been given to refuse tips, and all surface infestation including houses, gardens, canteens, food premises, etc., have received treatment as and when required.

SUMMARY OF INSPECTIONS, 1952

	Number of Inspections during year	Number of Defects or Contra-ven- tions of Bye-Laws	Number of Letters and Interviews by action	Defects remedied by informal action	Number of STATUTORY Notices served	Defects remedied after Statutory Notice	Legal Proceedings
HOUSING							
Structural defects ...	...	824	51	179	98	2	—
Overcrowding ...	292	10	—	—	—	—	—
WATER SUPPLY							
Insufficient ...	...	304	25	16	57	—	—
Unsatisfactory ...	350	—	—	—	—	—	—
DRAINAGE							
Insufficient ...	...	19	27	14	2	2	—
Defective ...	197	48	53	48	—	—	—
SANITARY CONVENIENCES							
Insufficient ...	...	7	4	2	1	1	—
Defective ...	39	24	29	24	—	—	—
Food Premises ...	103	11	13	11	—	—	—
Shops Act ...	44	5	5	5	—	—	—
Dairies ...	15	1	1	1	—	—	—
Slaughter Houses ...	315	Ministry of Food	1	1	—	—	—
Tents, Vans, etc. ...	9	—	—	—	—	—	—
Offensive Trades ...	13	2	2	2	—	—	—
Factories and Workplaces ...	127	9	9	9	—	—	—
Keeping of Animals ...	63	19	19	19	—	—	—
Insanitary Ashpits and Receptacles ...	169	89	89	73	2	2	—
Offensive Accumulations ...	13	4	5	4	—	—	—
Smoke Nuisances ...	19	4	7	3	—	—	—
Total ...	1768	1380	339	420	160	7	—

HOUSES COMPLETED DURING THE YEAR

				With State Assistance	Unaided	Total
(a) By Local Authority—						
Permanent	...	...	...	167	—	167
Temporary	...	...	...	—	—	—
(b) By other Bodies or Persons—						
Permanent	...	...	...	—	14	14
Temporary	...	...	...	—	—	—

1. INSPECTION OF DWELLING HOUSES DURING THE YEAR

(1) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	147
(2) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...			95
(3) Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	...	...	147

2. REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES

Number of defective dwelling houses rendered fit in consequence of informal action by Local Authority or its officers	...	...	46
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3. ACTION UNDER STATUTORY POWERS

(A) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

(1) Number of dwelling houses in respect of which notices were served requiring repairs	...	...	...	—
(2) Number of dwelling houses which were rendered fit after service of formal notices—				
(a) By owners	...	...	...	—
(b) By Local Authority in default of owners	...	...		—

(B) Proceedings under Public Health Acts.

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	...	...	6
(2) Number of dwelling houses in which defects were remedied after service of formal notices—				
(a) By owners	...	...	...	5
(b) By Local Authority in default of owners	...	...		—

(c) Proceedings under Sections 11 and 12 of Housing Act, 1936.	
(1) Number of dwelling houses in respect of which Demolition Orders were made	17
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	37
(3) Number of dwelling houses closed but not demolished (Housing Act, 1949, Sec. 3)	—
(d) Proceedings under Section 12 of the Housing Act, 1936.	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	78
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	—
4. NUMBER OF HOUSES PERMANENTLY DISCONTINUED AS DWELLINGS AND NOT INCLUDED ABOVE	69
(Temporary dwellings at Hartford Huts—up to 31.12.1952)	

HOUSING ACT, 1949 (SEC. 20)

(a) Number of separate dwelling houses in respect of which applications for grant have been received	7
(b) Number of separate dwelling houses in respect of which applications for grant have been approved	7

SUB-STANDARD HOUSES

The following table shows the progress since the war in the rehousing of families from slum property. It is very gratifying to see that no less than 475 families have been rehoused on the Council's estates while the old houses they left have either been demolished or closed. In addition to this we have a further 117 families rehoused from Army huts, now demolished, at Hartford and Cambois, bringing the total of families rehoused from sub-standard property to 592.

This has been made possible by the Council's generous allocation of 2 in every 5 Council houses to replace slum property.

**Families rehoused post-war from Sub-standard Property which has
subsequently been demolished or closed (up to 31.5.53)**

Bedlington

Fountain Inn, Glebe Row	...	...	...	...	...	...	4
Glebe Road	...	...	...	...	...	...	44
Catholic Row	...	...	...	...	...	...	11
Dowson's Buildings	...	...	...	...	...	...	2
Sun Inn Yard	...	...	...	...	...	...	3
Old Colliery Row	...	...	...	...	...	...	20
Bell's Place	...	...	...	...	...	...	21
Hollymount Hall	...	...	...	...	...	...	1
Hollymount Cottages	...	...	...	...	...	...	2
Vulcan Place	...	...	...	...	...	...	4
Vicarage Terrace	...	...	...	...	...	...	2
Old Hall	...	...	...	...	...	...	3
Chapel Row, East End	...	...	...	...	...	...	1
Bank Cottages	...	...	...	...	...	...	2
Murray's Yard	...	...	...	...	...	...	3

123

Bedlington Station

Ravensworth Terrace	...	...	...	...	...	...	15
North Row	...	...	...	...	...	...	25
Wilkinson's Buildings	...	...	...	...	...	...	5
Red Row	...	...	...	...	...	...	18
Bridge House	...	...	...	...	...	...	1
Moorland Cottages	...	...	...	...	...	...	10
Liddles Yard	...	...	...	...	...	...	13
Dene View	...	...	...	...	...	...	2
Puddlers Row	...	...	...	...	...	...	2
Craggs Buildings	...	...	...	...	...	...	1
Staithes Quay	...	...	...	...	...	...	2
Chapel Row, Barrington	...	...	...	...	...	...	9
Stone Row, Barrington	...	...	...	...	...	...	12

115

Netherton

Yard Row	...	...	...	...	...	...	90
Howard Row	...	...	...	...	...	...	60
Village	...	...	...	...	...	...	3
Nedderton Hall	...	...	...	...	...	...	3
Farm Cottages	...	...	...	...	...	...	1

157

Cambois

New Row	...	...	...	...	...	...	...	1	
Link End	...	...	...	...	...	...	...	2	
									3

Choppington

Blackburn's Buildings	...	...	...	...	...	...	...	3	
Strong's Buildings	...	...	...	...	...	...	...	22	
First Row	...	...	...	...	...	...	...	8	
Peter Gill's Cottages	...	...	...	...	...	...	...	1	
Front Street, Scotland Gate	...	...	...	...	...	...	...	10	
Colliery Square	...	...	...	...	...	...	...	2	
Chapel Row	...	...	...	...	...	...	...	3	
School Row	...	...	...	...	...	...	...	3	
School House	...	...	...	...	...	...	...	2	
Richardsons Buildings	...	...	...	...	...	...	...	5	
									59

Guide Post

Front Street	...	...	...	...	...	...	...	10	
Anvil Cottages	...	...	...	...	...	...	...	1	
									11

Stakeford

Middle Row	...	...	...	...	...	...	...	4	
North View	...	...	...	...	...	...	...	1	
West View	...	...	...	...	...	...	...	2	
									7
Total number of Houses	...	...	...	...	...	...	...	475	
Army huts at Wansbeck Place	...	...	...	...	...	...	...	29	
Army Huts at Hartford Camps	...	...	...	...	...	...	...	88	
Grand Total	...	...	...	...	...	...	...	592	

FACTORIES ACTS, 1937 and 1948

1.—Inspection for purposes of provisions as to health

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by the Local Authorities	14	16	2	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	90	111	3	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	—	—	—	—
Total	104	127	5	—

2.—Cases in which Defects were found

Particulars	Found	Remedied	Referred		Number of cases in which prosecutions were instituted
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	—	—	—	—	—
Overcrowding	—	—	—	—	—
Unreasonable temperature	—	—	—	—	—
Inadequate ventilation	—	—	—	—	—
Ineffective drainage of floors	—	—	—	—	—
SANITARY CONVENIENCES					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	4	3	—	—	—
(c) Not separate for sexes	1	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Total	5	3	—	—	—

There are 29 outworkers employed by Rema Glove Factory.

INSPECTION AND SUPERVISION OF FOOD

Milk Supply

There are now only two registered dairies within the district. 24 registered distributors retailing Pasteurised, Tuberculin Tested, Accredited and Sterilised milks sell the milk in bottles as received.

11 samples were taken and submitted to the Public Health Laboratory. 4 samples examined for Tuberculosis proved negative and 1 positive.

				No. of Samples	Satisfactory	Not Satisfactory
Ungraded	...	...	...	6	2	4
Pasteurised	...	...	...	4	4	—
Tuberculin Tested	...	...	...	1	1	—

Ice Cream

Two of the three ice cream manufacturers in the district continue to use the heat treatment method of manufacture and one the cold mix process. These premises are regularly inspected and maintain a high standard of cleanliness.

19 samples were taken during the year, 5 were Grade 1, 6 Grade 2, 3 Grade 3, and 5 Grade 4.

Meat Inspection

The district is still served by the Ministry of Food Slaughter House in the premises of the Bedlington C.W.S.

Ante-mortem inspection of all animals brought for slaughter and 100% post mortem inspection of all carcasses and organs have been carried out.

EXAMINATION OF CARCASSES

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed and inspected ...	1,083	122	3	3,683	420

ALL DISEASES EXCEPT TUBERCULOSIS

Whole carcasses condemned ...	1	4	1	4	3
Carcases of which some part or organ was condemned ...	597	29	—	223	15
Percentage of number inspected affected with diseases other than Tuberculosis ...	55.22 %	27.05 %	33.33 %	6.16 %	4.28 %

TUBERCULOSIS ONLY

Whole carcasses condemned ..	1	1	—	—	—
Carcases of which some part or organ was condemned ...	39	13	—	—	7
Percentage of number inspected affected with tuberculosis ...	3.69 %	11.48 %	—	—	1.66 %

**MEAT, ORGANS, ETC., CONDEMNED AND SURRENDERED AS
UNFIT FOR HUMAN CONSUMPTION
BOVINE ANIMALS**

(a) For Tuberculosis

Number of Whole Carcases and Organs ...	2
„ „ Heads and Tongues ...	25
„ „ Lungs ...	38
„ „ Livers ...	5
„ „ Skirts ...	2

(b) Diseases other than Tuberculosis

Number of Whole Carcases and Organs	Emaciation and Oedema, 2; Decomposition, 1; Johne's Disease and Emaciation, 1; Nephritis and Emaciation, 1; Immaturity and Emaciation, 1.
„ „ Heads and Tongues ...	Actinobacillosis, 3.
„ „ Lungs ...	Flukes, 155; Pleurisy, 14; Stomach Contents, 15; Hydatid Cysts, 5; Congestion, 2; Abscesses, 1.
„ „ Livers ...	Cirrhosis—Whole Livers, 481, Part Livers, 230; Abscesses, 52; Angioma, 3.
„ „ Intestines ...	Inflammation, 2.
„ „ Udders ...	Induration, 8; Mastitis, 14.
„ „ Hearts ...	Pericarditis, 4; Abscesses, 1.
„ „ Spleen ...	Congestion, 1.
„ „ Skirts ...	Abscesses, 3.
„ „ Kidneys ...	Necrosis, 2.

Weights of Beef Condemned

Due to Bone Taint ...	844 lbs.
„ „ Disease ...	726 lbs.
„ „ Congestion ...	673 lbs.

SHEEP

Number of Whole Carcases and Organs	Abscesses and Emaciation, 1; Septic Mastitis, 1; Moribund and ill-Bled, 1; Septic Pneumonia, 1.				
„ „ Plucks	...	...	...	...	Flukes, 194; Pleurisy, 10; Abscesses, 16; Inflammation, 1; Parasites, 2; Hydatid Cysts, 1.
„ „ Heads	...	...	...	...	Maggots, 3.
„ „ Hearts and Lungs	...	...	...	...	Pleurisy, 4.
„ „ Stomachs and Intestines	...	...	...	...	Abscesses, 1.

Weight of Mutton Condemned

Due to Disease	...	...	...	...	...	31 lbs.
„ „ Bruising	...	...	...	...	...	6 lbs.

PIGS

Number of Whole Carcases and Organs	Nephritis and Emaciation, 1; Lack of Development, 1; Pneumonia, Pleurisy and Emaciation, 1.				
„ „ Heads	...	...	...	...	Tuberculosis, 15.
„ „ Plucks	...	...	...	...	Tuberculosis, 2; Cirrhosis, 1; Inflammation, 7.
„ „ Hearts and Lungs	...	...	...	...	Pneumonia, 4; Pleurisy, 3.

FOODS EXAMINED AND FOUND TO BE UNFIT FOR HUMAN CONSUMPTION

Luncheon Meat	...	...	43 tins	Peas and Beans	...	...	81 tins
Jellied Veal	...	...	11 „	Tomatoes	...	...	43 „
Cooked Ham	...	...	12 „	Soup	...	...	2 „
Stewed Steak	...	...	6 „	Fruit	...	...	82 „
Kidneys	...	...	4 „	Dried Fruit	...	...	300 lbs.
Pork	...	...	40 „	Fish	...	...	18 tins
Luncheon Tongues	...	...	2 „	Mussels	...	...	197 jars
Minced Beef Loaf	...	...	1 „	Evaporated Milk	...	...	31 tins
Cooked Ham	...	...	17 lbs.	Margarine	...	...	20 cwt.
Uncooked Ham	...	...	44 „	Cheese	...	...	5½ lbs.
Pork Sausage	...	...	49 „	Processed Cheese	...	...	67 pks.

